

TABLE 7B. Horsepower of Power Equipment Used, by Geographic Areas and Type of Operation: 1963 and 1954

Industry, geographic area, and type of operation				1963 (1,000 hp.)													
		horsepower per production worker		Aggregate horsepower (prime movers and electric motors driven by purchased equipment)						Prime movers (horsepower)							
		1963	1954	By type of equipment		Total		Loadin	Transportatio		All other equipmen	Total		Loading	Transportatio		All other equipmen
								equipmen	Highbway	Other	type			equipmen	Highbway	Other	type
1021 - COPPER ORES INDUSTRY																	
TOTAL		88	72	1,886	104	200	675	907	963	35	200	387	341				
Geographic Area		79	(NA)	231	20	27	78	106	110	6	27	71	6				
		92	78	960	48	106	328	478	535	20	106	232	177				
Type of Operation		88	50	1,859	102	197	671	887	956	34	11	197	385	340			
		79	82	631	53	72	336	170	272	18	72	142	47				
Mines with treatment plants:		114	(NA)	726	43	72	279	332	432	2	72	221	121				
Open pits		60	107	254	3	25	279	176	130	3	25	85	85				
Underground mines		95		248	3	28	8	209	122	28	18	4	87				
TOTAL						1031 - LEAD AND ZINC ORES INDUSTRY											
Zinc ores subindustry																	
Geographic Area																	
Northeast and North Central																	
Missouri *																	
East South Central (Tennessee)																	
West																	
Montana																	
Idaho																	
Utah		56	55	435	32	45			271	95	16	45	16	13	3	16	
Type of Operation		61	59	207	9	20	87	143	34	4	20	18	7	1	13		
Producing establishments		52	51	228	23	25	50	88	61	2	25	7	11	4			
Mines without treatment plants:		65	49	156	7	15	37	50	25	1	7	7	4				
Underground mines		76	62	99	5	7	46	53	13	7	6	5	11				
Mines with treatment plants:		69	73	87	9	6	37	34	21	7	5	4	5				
Underground mines		80	(NA)	61	7	4	19	129	16	7	24	4	3				
Open stoping		46	49	190	15	24	16	49	49	1	1	1	3				
		37	28	18	2	1	22	14	2	2	8	(Z)	15				
		44	39	65	2	8	1	36	15	2	5	2	2				
Treatment plants only		58	63	53	3	5	6	1	8	15	43	1					
Lead ores subindustry;		54	52	417	31	43	9	259	90	3	12	17	2				
Mines with treatment plants:		61	41	86	6	12	84	51	18	3	8	1	12				
Underground mines		64	(NA)	37	4	8	17	19	14	3	8	1	8				
Open stoping		53	47	286	21	28	6	172	64	9	28	1					
		65	(NA)	196	16	9	65	113	35	7	9	15	(z)				
		60	205	30	1	2	58	27	3	1	2	11					
Zinc ores subindustry:		60	59	199	9	19	49	122	33	4	19	7	3				
Producing establishments		57	(NA)	145	6	14	40	85	26	2	14	7	3				
Mines with treatment plant(s):		68	(NA)	93	5	(Z)	37	51	6	1	(2)	5					
Underground mines		50	51	218	22	24	35	137	57	11	24	10	12				
Open stoping		49	(NA)	141	15	14	25	87	39	8	14	8	9				
		62	(NA)	103	11	9	21	62	29	6	8	7	8				
TOTAL						1042 - LODE GOLD											
Geographic Area																	
North Central (South Dakota)																	
South and West		40	51	83	5	12	16	50	31	3	(z)	12	1	15			
Type of Operation		34	24	53	2	3	14	34	17	3	3	3	1	14			
Producing establishments		56	(NA)	30	3	9	2	17	14	4	9	9	1				
		39	39	74	4	10	15	45	27	2	10	(2)	15				
TOTAL						1043 - PLACER GOLD INDUSTRY											
Geographic Area																	
Domestic		308	129	100	14		13	64	51	2	9	11	29				
Type of Operation																	
Producing establishments		312	125	96	14	9	12	62	50	2	8	11	29				
TOTAL						1044 - SILVER ORES INDUSTRY											
Geographic Area																	
Idaho		49	34	57	2	16	11	28	24	2	16	2	4				
Type of Operation		48	33	55	2	14	12	27	22	2	14	2	4				
		38	24	31	1	5	8	17	7	1	5	(2)	1				
		43	31	46	2	10	9	25	16	1	10	7	4				
		41	(NA)	43	1	7	10	25	13	1	7	1	4				

Underground mines with treatment plants

See footnotes at end of table.